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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/724,248	11/28/2003	Richard Phillips		1635	
75	90 07/10/2006		EXAMINER		
Francis C. Hand, Esq.			JENKINS, DANIEL J		
c/o Carella, Byr Stewart & Olste	ne, Bain, Gilfillan, Cecchi in	ilfillan, Cecchi, ART UNIT PAPER N			
5 Becker Farm Road			1742		
Roseland, NJ 07068			DATE MAILED: 07/10/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)	-
Office Action Summary		10/724,248	PHILLIPS ET AL.	
		Examiner	Art Unit	
		Daniel J. Jenkins	1742	
Period fo	The MAILING DATE of this communication ap or Reply	ppears on the cover sheet w	ith the correspondence address	
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPI CHEVER IS LONGER, FROM THE MAILING Insions of time may be available under the provisions of 37 CFR 1 SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period are to reply within the set or extended period for reply will, by statuder preply received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUN .136(a). In no event, however, may a d will apply and will expire SIX (6) MO te, cause the application to become A	CATION.  reply be timely filed  NTHS from the mailing date of this communication BANDONED (35 U.S.C. § 133).	ŕ
Status				
1)⊠ 2a)□ 3)□	Responsive to communication(s) filed on 3/12 This action is <b>FINAL</b> . 2b) This action is <b>FINAL</b> . 2b) This action for allowed closed in accordance with the practice under	is action is non-final. ance except for formal mat	• •	s is
Dispositi	ion of Claims			
5)□ 6)⊠ 7)□ 8)□ <b>Applicat</b> i 9)□ 10)□	Claim(s) 1-10 is/are pending in the application 4a) Of the above claim(s) is/are withdrawing Claim(s) is/are allowed.  Claim(s) 1-10 is/are rejected.  Claim(s) is/are objected to.  Claim(s) are subject to restriction and/on Papers  The specification is objected to by the Examinating The drawing(s) filed on is/are: a) acceptable acceptable and acceptable acceptable acceptable and acceptable accept	er.  cepted or b) objected to e drawing(s) be held in abeya	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.12	
	ınder 35 U.S.C. § 119			
12)[ a)[	Acknowledgment is made of a claim for foreign All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureasee the attached detailed Office action for a list	nts have been received. Its have been received in A prity documents have beer au (PCT Rule 17.2(a)).	Application No  received in this National Stage	
2) 🔲 Notic 3) 🔲 Inforr	t(s) e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08 r No(s)/Mail Date	Paper No(	Summary (PTO-413) s)/Mail Date nformal Patent Application (PTO-152) 	

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1. The Examiner has carefully reviewed Applicant's Response of 3/17/06. At this time, the Examiner places new argument upon the record, this Action accordingly not made final.

- 2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 3. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Allroth et al. in view of Ozaki et al.

Allroth et all discloses the invention substantially as claimed. Allroth et al. discloses a process comprising:

mixing a ferrous metal powder with a lubricant to form a mixture;

compacting the mixture at at high pressure by HVVC.; and

heating the compacted mixture at a temperature of up to 2552°F to liquid phase sinter the compact to form a sintered metal body (col. 4, lines 57-60).

Allroth et al. further discloses wherein the lubricant is liquid during the compacting step (col. 5, lines17-20).

Allroth et al. further discloses wherein the lubricant includes graphite.

Allroth et al. further discloses wherein the mixture further includes other metal powders including Ni (col. 2, line 42) which meets the limitation of claim 4.

However, Allroth et al. does not disclose lauric acid as a member of the lubricant, but discloses that conventional lubricants can be used in the invention (col. 2, line 64).

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Ozaki et al. teaches that the lubricant can include lauric acid (col. 5, lines 3-4) in the same field of invention for the purpose improving the flowability of the mixture.

It would have been obvious to one having ordinary skill in the art to use the lubricant of Ozaki et al. which includes lauric acid in the invention of Allroth et al. in order to improve the flowability of the mixture.

Allroth et al. discloses processing parameters of pressure and that significantly overlap those as claimed by Applicant, establishing a prima facie case of obviousness (see MPEP 2144.05).

Allroth et al. states that his invention produces products of greater than 99% density (col. 4, lines 52-56 in light of lines 46-33).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel J. Jenkins whose telephone number is 571-272-1242. The examiner can normally be reached on M-TH6:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King can be reached on 571-272-1242. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Daniel J. Jenkins
Primary Examiner
Art Unit 1742

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